

Incidence Rates of Major Health Effects and Diseases

Effect on Health	FY2006 Study on School Health Statistics ¹	2000 Infant Physical Development Study ²	FY2005 Maternal and Child Health Statistics of Japan ³	FY2005 Annual Report of Environment Health Surveillance for Air Pollution ⁴	Other Documents
Physical Development					
Lower birth weight	–	–	9.6% (under 2,500 g) 0.7% (under 1,500 g)	–	–
Language impairment	0.37% (kindergarten) 0.30% (elementary school) 0.09% (junior high school) 0.02% (senior high school)	Passing rate for language function (ability to speak words) 95.0% (age 5–6 years) 97.6% (age 6–7 years)	–	–	–
Motor function	–	Passing rate for motor function (ability to walk unassisted) 93.8% (age 3–4 years) 99.6% (age 4–5 years)	–	–	–
Mental and Neurological Developmental Impairment (Autism, ADHD)	–	–	–	–	Using Diagnostic and Statistical Manual-III-Revised (DSM-III-R) diagnostic criteria for ADHD ⁵ 5.6% (age 3 years) 3.0% (age 5 years)
Immunological Abnormality					
Asthma	2.36% (kindergarten) 3.74% (elementary school) 2.95% (junior high school) 1.71% (senior high school)	–	–	3.32% (age 3 years) 5.88% (age 6 years)	–

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Atopic dermatitis	3.77% (kindergarten) 3.62% (elementary school) 2.76% (junior high school) 2.25% (senior high school)	—	—	11.1% (age 3 years) 14.8% (age 6 years)	—
Metabolic and Endocrine Anomalies					
Liver disease	0.03% (kindergarten) 0.18% (elementary school) 0.24% (junior high school) 0.23% (senior high school)	—	—	—	—
Congenital anomalies	—	—	Rate of persons identified with anomalies by examination 0.0016% (phenylketonuria) 0.0005% (maple syrup urine disease) 0.0004% (homocystinuria) 0.0029% (galactosemia) 0.0057% (congenital adrenal hyperplasia)	—	—

Sources:

1. Ministry of Education, Culture, Sports, Science and Technology

2. Ministry of Health, Labour and Welfare

3. K.K. Boshi Hoken Jigyodan, 2005

4. Environmental Health Department, Ministry of Environment, 2005

5. Soma, Yukio. 20

06, "A Study on Attention-Deficit Hyperactivity Disorder (ADHD) at Nursery School and Kindergarten in Niigata City," *Niigata Igaku Gakkai Zasshi* 120:324-328